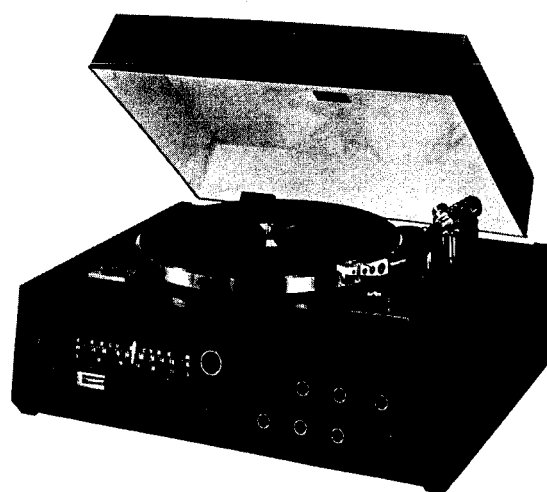




**SANYO
STEREO MUSIC CENTER
DXT 5500L
SERVICE MANUAL**



SPECIFICATIONS

GENERAL

IC	STK016
Transistors	2SK41 × 1 2SC668 × 2 2SC929 × 1 2SC930 × 2 2SC536 × 1 2SC693 × 10
Diodes	1S188 × 5 DS-442 × 1 10D1 × 2 SZ-9 × 1
Power Source	AC220V/110V 50 Hz
Power Consumption	65 watts
Dimensions (approx.)	475(W) × 390(D) × 235 (H) mm (18-3/4" × 15-3/8" × 5-3/8")
Weight (approx.)	12.5 kg (28.1 lbs)

AUDIO SECTION

Total Music Power Output	40 watts (8 ohm), T.H.D. 1%
Continuous Power Output	
each channel driven	15 watts (8 ohm), T.H.D. 1%
both channel driven	12 watts (8 ohm), T.H.D. 1%
Total Harmonic Distortion	1.0% at rated power output
Frequency Response	50 Hz-30,000 Hz ± 3 dB
Power bandwidth	70 Hz-20,000 Hz
Input Sensitivity and Input	AUX 100 mV 100 kohm
Impedance for Rated	TAPE PLAYBACK (RCA)
Power Output	200 mV 100 kohm
	TAPE PLAYBACK (DIN)
	200 mV 100 kohm
Recording Out	RCA 100 mV 100 kohm
	DIN 100 mV 100 kohm
Damping Factor	50
Matching Speaker	4, 8, 16 ohms
Impedance	
Bass	100 Hz -9—+10dB
Treble	10 kHz -10—+10dB
Loudness Control	100 Hz+8 dB, 10 kHz+3 dB (at -30 dB power output)

FM SECTION

Frequency range	88 MHz—108 MHz
IF	10.7 MHz

Antenna Impedance	300 ohms balanced
Sensitivity (IHF)	10 μV
Harmonic Distortion	1.0% max at 60 dB input
Signal to Noise Ratio	50 dB
Image Rejection	45 dB at 98 MHz
IF Rejection	60 dB at 98 MHz
Spurious Response	60 dB at 98 MHz
Separation	30 dB
SCA Rejection	45 dB

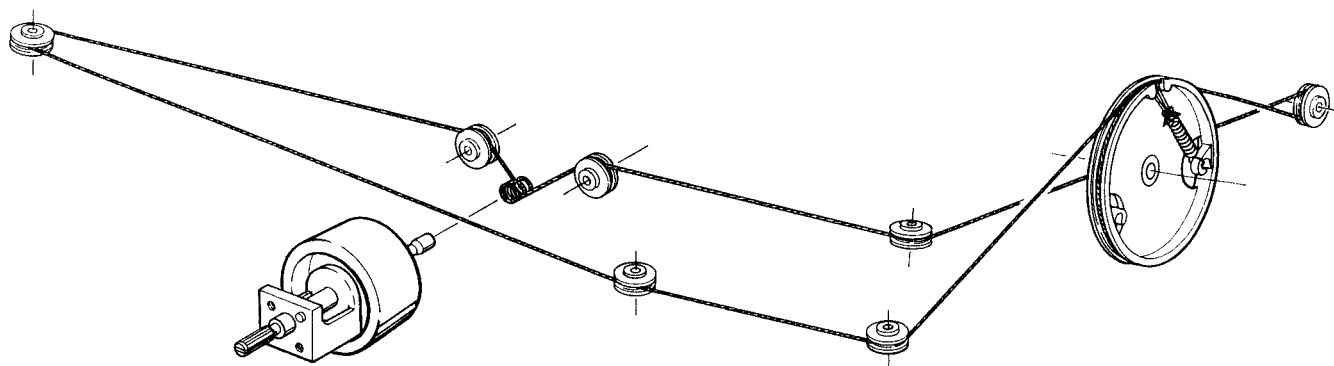
MW and LW SECTION

Frequency Range	MW 535 kHz—1,605 kHz LW 150 kHz— 350 kHz
IF	455 kHz
Usable Sensitivity	MW 350 μV/m LW 400 μV/m
Image Rejection	MW 40 dB at 1,000 kHz LW 30 dB at 350 kHz
Selectivity	25 dB
AGC	40 dB
Whistle Modulation	10% max at 74 dB input

RECORD PLAYER SECTION

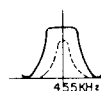
Type	2-speed turntable with belt drive, automatic return turntable.
Motor	4-pole synchronous motor.
Turntable Speed	33-1/3 & 45 rpm.
Turntable	Al diecast 12 inch diameter.
Wow & flutter	0.1% RMS.
Signal to noise ratio	50 dB
Tonearm	Static balanced pipe arm, plug-in cartridge shell.
Tracking force	3—5 gr.
Frequency Response	20—20,000 Hz.
Channel separation	More than 25 dB at 1,000 Hz.
Output voltage	5mV, 1,000 Hz, 50 m/sec.
Cartridge	Magnetic Stereo Cartridge, Model MG-15
	0.5 mil. diamond stylus, Model ST-15G
Stylus	
Dimensions (approx.)	470(W) × 354(D) × 190(H) mm 18-1/2"(W) × 14"(D) × 7-1/2"(H)
Weight (approx.)	8.0 Kg (17.6 lbs.)

DIAL CORD STRING





ADJUSTMENTS

AM ADJUSTMENT

Step	Adjusting circuit	Connections		SG. frequency	Position of tuning dial	Adjustment	V.T.V.M. Oscilloscope
		Input	Output				
1	IF	Connect sweep generator to VC4.	Connect oscilloscope to test point TP2.	455 KHz (400Hz 30% modulation)	Near max. capacity of VC. at position with no unrequired signal.	AM 1st 9-20970 (Red)	
2	MW	Connect standard loop antenna to output terminals of SG.	Connect V.T.V.M. to speaker terminals.	600 KHz (400Hz 30% modulation)	600 KHz	AM ANT 9-21000 MW OSC 9-20690	Max.
3				1400 KHz (400Hz 30% modulation)	1400 KHz	TC 6 TC 8	
4	LW	Place receiver 2 feet from loop antenna.		150 KHz (400Hz 30% modulation)	150 KHz	AM ANT 9-21000 LW OSC 9-20720	Max.
5				350 KHz (400Hz 30% modulation)	350 KHz	TC 7, TC 9	
6	Repeat adjustments.						

- PREPARE**
- Variable capacitor completely closed.
 - Set the dial pointer to very left line dial scale.
 - Connect sweep generator, SG, V.T.V.M. and oscilloscope.

FM ADJUSTMENT

ADJUSTMENT							
Step	Adjusting circuit	Connections		SG frequency	Position of tuning dial	Adjustment	V.T.V.M. Oscilloscope
		Input	Output				
1	IF	Connect sweep generator to test point TP1 through 0.01μF.	Connect oscilloscope to test point TP3.	10.7 MHz (none modulation)	Near max. capacity of VC. at position with no unrequired signal.	FM 1st 9-20890 (Violet) 9-20900 (Green)	
2	Ratio Det.		Connect oscilloscope to test point TP4.			FM DET 9-20850 (Pink) 9-20860 (Blue)	
3	RF	Connect FM SG. to FM ANT. terminals.	Connect V.T.V.M. to speaker terminal.	90 MHz (400Hz, 30% modulation)	90 MHz	FM ANT 9-20990 FM OSC 9-20461 RF Coil 9-20270	Max.
4				106 MHz (400Hz, 30% modulation)	106 MHz	TC1 TC2 TC3	Max.
5	Repeat adjustments.						

- PREPARE**
- Variable capacitor completely closed.
 - Set the dial pointer to very left line of dial scale.
 - Connect sweep generator, FM SG, V.T.V.M. and oscilloscope.
FM antenna input impedance is 300 ohm.
 - Selector switch to "FM"
 - Use a screwdriver with plastic grip for all adjustments.

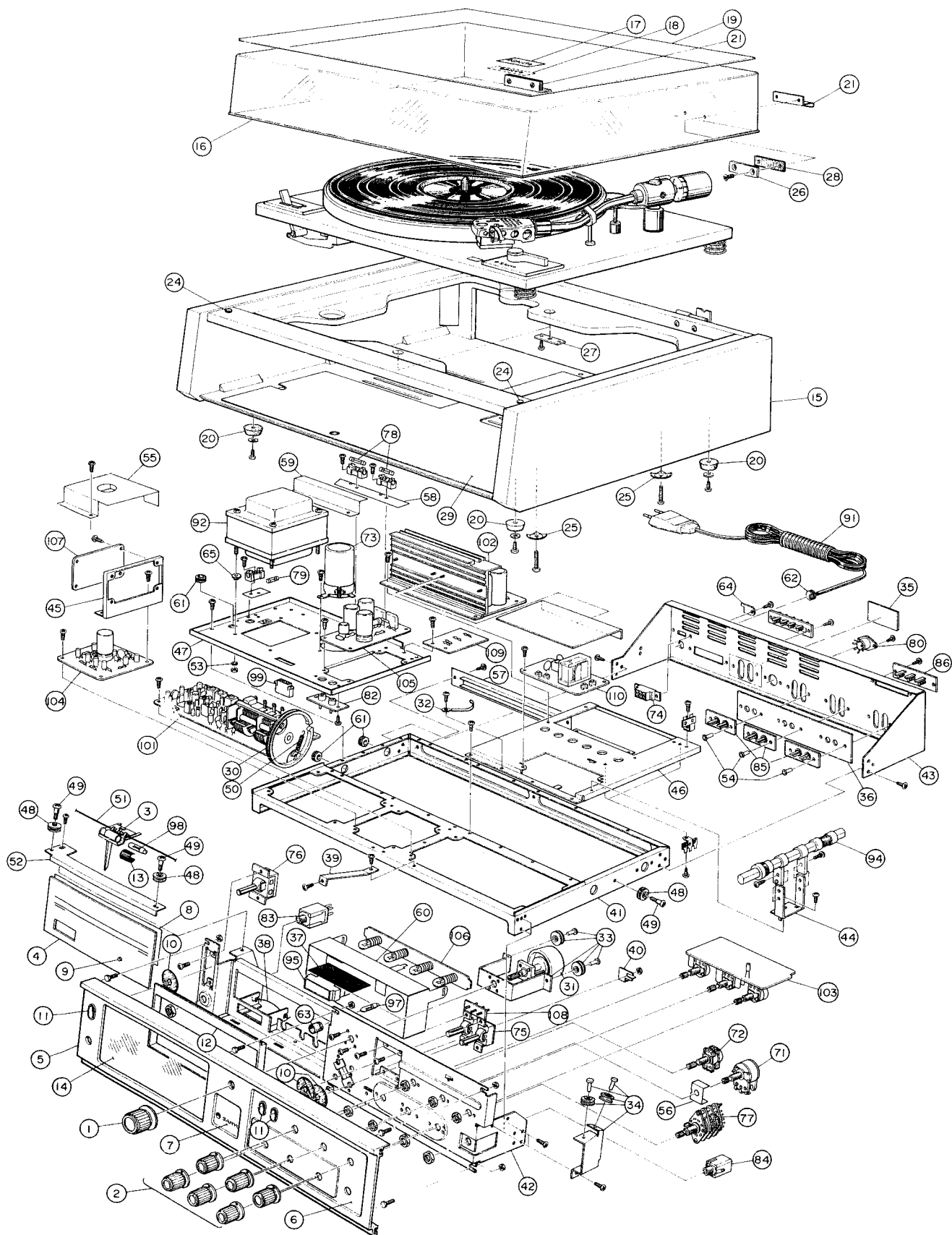
FM MPX ADJUSTMENT

Step	Adjusting circuit	Connections		Position of tuning dial	Adjustment	V.T.V.M.
		Input	Output			
1	SCA signal filter (67 KHz)	Add SCA signal to FM stereo SG. to FM ANT. terminals. FM stereo signal OFF.	Connect V.T.V.M. to TP5	Near max. capacity of VC. at position with no unrequired signal.	67KHz 9-20140 (Red)	Min.
2	19KHz pilot signal	Connect FM stereo SG. to FM ANT terminals. 19KHz signal ON. SCA signal OFF.	Connect V.T.V.M. to test point TP6.		19KHz 9-20210 (White)	Max.
3	38 KHz	Connect FM stereo SG to FM ANT terminals. 19KHz signal ON. Main channel, sub channel signal ON. Add 1000Hz signal from L Ch.	Connect V.T.V.M. to test point TP6.		38KHz 9-20220 (Black)	Max.
4	FM stereo signal separation	Add 1000Hz signal from L Ch.	Connect V.T.V.M. to R speaker terminal.		38KHz 9-20220 (Black)	Min.
5		Connect FM stereo SG to FM ANT terminals. 19KHz signal ON. Main channel, sub channel signal ON. Add 1000Hz signal from R Ch.	Connect V.T.V.M. to L speaker terminal.		38KHz 9-20220 (Black)	Min.
6	Repeat steps 4 ~ 5. Set at position with max. channel separation.					

PREPARE

- Variable capacitor completely closed.
- Connect FM stereo SG. and V.T.V.M.
- Selector switch to "FM AUTO"
- Use a screwdriver with plastic grip for all adjustments.

EXPLODED VIEW



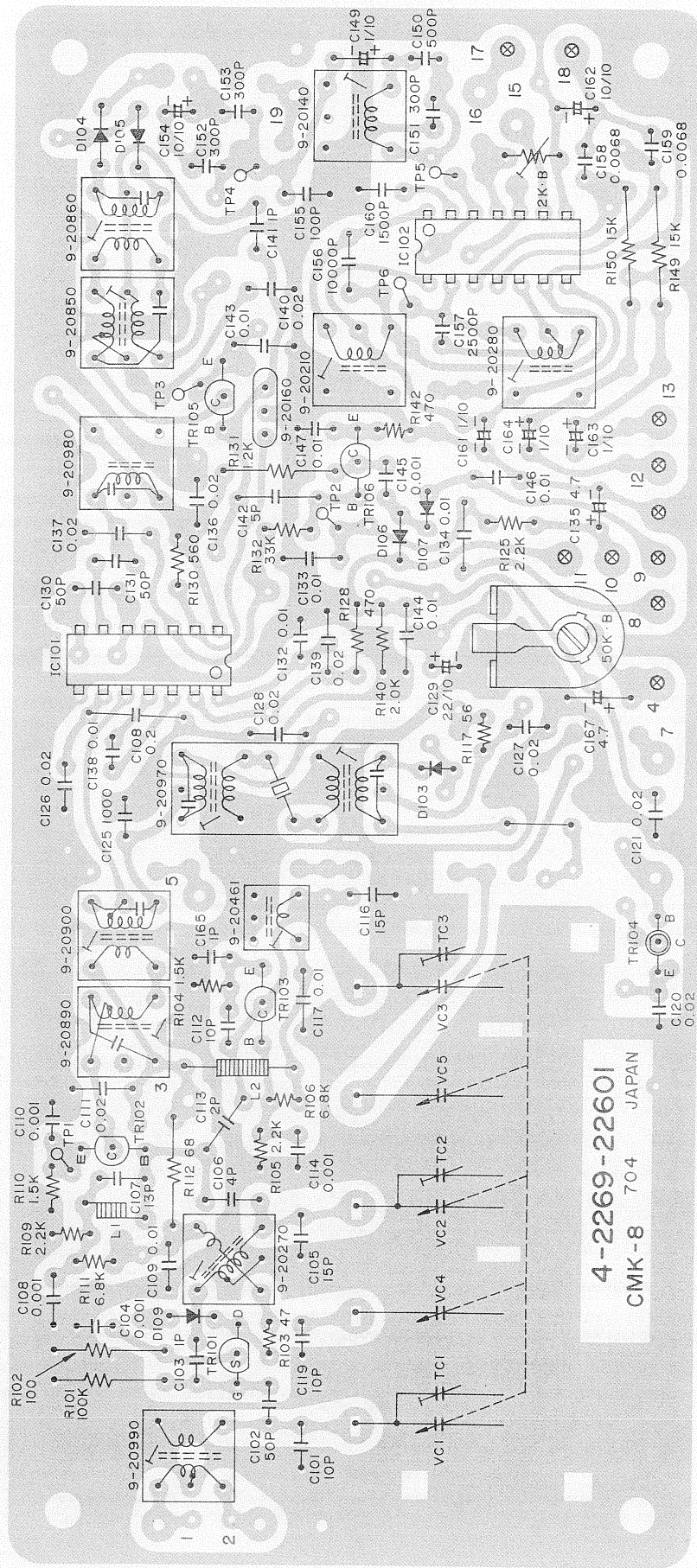
PARTS LIST

Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Q'ty
PACKAGE				CHASSIS MECHANICAL PARTS			
	4 2449 20230	Antenna, FM	1		102 3 1103 50801	Screw, pan hd. tpg. 3.5×8, Z1 panel front	4
	131 6 1139 44600	Box, corrugate exp	1		102 3 1202 61000	Screw, pan hd. tpg. 2.6×10 fuse holder	3
	131 6 2119 00710	Bag, polyethylene, cabinet	1		102 3 1203 00602	Screw, pan hd. tpg. 3.0×6, Z1 metal mount trans 8, Cemicon 2, 2P-1 lug 3, metal mount PCB 5, M.M ant 1, cover 2, panel rear 6, shelter light 3, metal slide point 1, pulley assy 2, metal mount 1	34
	131 6 2519 00201	Bag, polyethylene, turntable	1		102 3 1203 00802	Screw, pan hd. tpg. 3.0×8, Z1 power supply PCB 2, phono 2PU sock 2, main amp PCB 4, DIN PCB 2, MW PCB 2, filter PCB 2, bar antenna 2, pre PCB 4, RF PCB 4, plate sever 2	26
	131 6 2719 10400	Bag, fan	1		102 3 1203 00805	Screw pan hd. tpg. 3.0×8, B1 tarminal antenna 2, tarminal speaker 2	4
	131 6 3009 15031	Pad, lid	1		102 3 2403 00600	Screw, flat hd. tpg. 3.0×6 metal mount	1
	131 6 3009 16600	Pad, right	1		104 3 1103 00005	Nut, hex 3.0, trans	4
	131 6 3009 16700	Pad, left	1		30 131 0 3002 10402	Drum assy	1
	131 6 3009 17761	Pad, turntable	1		31 131 0 3003 14200	Shaft dial assy, panel front	1
	131 6 3009 18100	Pad, upper	2		32 131 0 3016 10400	Cramp wire assy, phone lead	2
	131 6 3069 14501	Patching paper, 500×800mm lid	1		33 131 0 3020 00800	Pulley assy, shaft dial assy	1
	131 6 3069 15630	Patching paper, 300×600mm lid	1		34 131 0 3020 01000	Pulley assy, panel front right	1
	131 6 4119 33800	Explanatory booklet	1		35 131 2 1310 19300	Name plate, panel rear	1
	131 6 4559 10100	Manufacturing NO.	1		36 131 2 1310 19400	Name plate, panel rear, 2PU socket	1
	131 6 4739 11400	Standerd label	2		37 131 2 1406 10707	Plate color, meter	1
	131 2 5206 10208	Meldplane, 6×8×439mm	1		38 131 2 3101 12701	Metal mount, meter	1
	131 6 3009 18280	Pad, PL right	1		39 131 2 3101 17400	Metal mount, panel front center	1
CABINET					40 131 2 3101 17500	Metal mount, panel front center	1
	101 3 1103 01403	Screw, pan hd. 3.0×14, B1, cabinet hing	4		41 131 2 3301 16200	Chassis	1
	101 3 1104 01607	Screw, pan hd. 3.0×16, B1, panel front cramp	1		42 131 2 3305 14600	Panel, front	1
	101 3 1104 02003	Screw, pan hd. 4.0×20, chassis cramp	4		43 131 2 3306 14801	Panel, rear	1
	101 3 1204 01003	Screw, flat hd. 4.0×10, B1, lid, hinge	4		44 131 2 3603 12900	Metal mount, antenna	1
	102 3 1203 01602	Screw, pan hd. tpg 3.0×16, panel rear cramp	3		45 131 2 3614 14800	Mount, filter PCB	1
	106 3 1102 71000	Screw, round hd. wood 2.7×10, nut plate	4		46 131 2 3614 15400	Mount, main AMP PCB	1
	106 3 1103 11300	Screw, round hd. wood 2.1×13, leg rubber	4		47 131 2 3617 12900	Metal mount, trans	1
15	131 2 1101 23400	Cabinet	1		48 131 2 4107 10300	Pulley, slide rail pointer 2, chassis right 1	3
16	131 2 1107 14100	Lid	1		49 131 2 4108 10300	Spindle pulley, slide rail pointer 2, chassis right 1	3
17	131 2 1310 13103	Name plate, top lid	1		50 131 2 4111 00200	Spring, rope, drum assy	1
18	131 2 1310 15301	Name plate, lid inside	1		51 131 2 4112 10200	Rope 0.5×1760 mm	1
19	131 2 1410 11200	Cover, lid	1		52 131 2 4120 10400	Slide rail pointer	1
20	131 2 1804 10401	Leg, rubber	4		53 131 2 4201 13300	Screw, fillister 4.0×8, panel rear	1
21	131 2 2108 00300	Hinge, lid	2		131 2 4203 14800	Washer, trans	4
22	131 2 2108 00402	Hinge, left cabinet	1		131 2 4203 83206	Washer, 3.2×8×1.0, trans	4
23	131 2 2108 00403	Hinge, right cabinet	1		131 2 4221 00100	Rivet, panel rear, 2PU socket	6
14	131 2 2904 11200	Pad, lid	2		55 131 2 6103 12301	Cover shield, pre AMP PCB	1
25	131 2 4203 15200	Washer, chassis cramp	4		56 131 2 6107 12200	Plate sever, balance, panel front	1
	131 2 4203 83205	Washer, 3.2×12×1.0, Z1 panel rear cramp	3		57 131 2 6107 13700	Plate sever, chassis rear left	1
	131 2 4203 83207	Washer, 3.2×8×0.5, B1 cabinet hinge	4		58 131 2 6107 16100	Plate sever, fuse holder	1
	131 2 4203 84207	Washer, 4.2×16×1.2, B1 panel front cramp	1		59 131 2 6107 16200	Plate sever, fuse holder	1
26	131 2 4208 13101	Spacer, hinge, lid	2		66 131 2 6107 17000	Plate sever, fuse holder	1
27	131 2 4212 00101	Nut, plate, cramp motor board	2		60 131 2 6110 16500	Shelter light, panel front, dial	1
28	131 2 5205 10300	Cushion, hinge, lid	2		61 131 2 6111 11200	Bushing, chassis left slide 2, metal mount tras	3
29	131 2 6101 17600	Plate, shield, cabinet bottom inside	1		62 131 2 6111 11300	Bushing, panel rear, AC	1
APPEARANCE					63 131 2 6111 11400	Bushing, panel front, stereo ind.	1
	103 3 1103 01000	Hex, bolt 3.0×10, mount panel control	6		67 131 2 7103 13403	Label, fuse 2.0A	1
	104 3 1103 00005	Hex, nut 3.0, mount panel control	6		64 131 2 7104 00101	Plate pad, slide switch	1
1	131 0 1001 19102	Knob assy, tuning	1		65 201 2 5020 00401	Bush D, trans	4
2	131 0 1001 19202	Knob assy	6		68 131 2 3101 22800	Metal mount, heat sink	1
3	131 0 3011 14000	Pointer assy	1				
4	131 2 1201 20504	Plate, dial	1				
5	131 2 1203 21806	Panel, control	1				
6	131 2 1203 21905	Panel, control	1				
7	131 2 1301 15500	Badge	1				
8	131 2 1406 10708	Plate, color dial	1				
9	131 2 1504 10900	Plate, sign lamp	1				
10	131 2 6113 11400	Shelter, lever SW	3				
11	131 2 6113 11700	Shelter, lever SW	3				
12	131 2 6113 12000	Shelter, plate dial	1				
13	131 2 6308 12400	Filter, 12×20 red	1				
14	131 2 6308 13507	Filter, dial	1				
CHASSIS MECHANICAL PARTS							
	101 3 1103 00600	Screw, pan hd. 3.0×6, slide switch	2				
	101 3 1103 00802	Screw, pan hd. 3.0×8, Z1, drum assy	2				

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Unless otherwise noted, component parts indicated by parentheses in the column Q'ty are not available.
3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

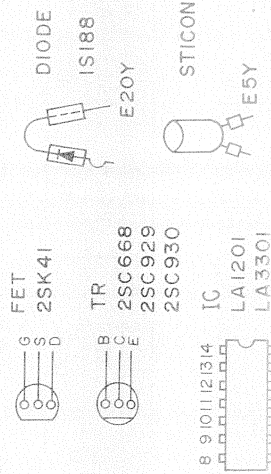
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3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

CLASSIFICATION	TR101	TR102	TR103	TR104	DI03~DI07	IC101	IC102	DI09	TR105	TR106
TR	2SK41	2SC668R	2SC668R	2SC929	IS188	LA1201	LA3301	DS-442	2SC930	2SC930
RANK	F	D,E	D	E,D	FMI				D,E	D,E



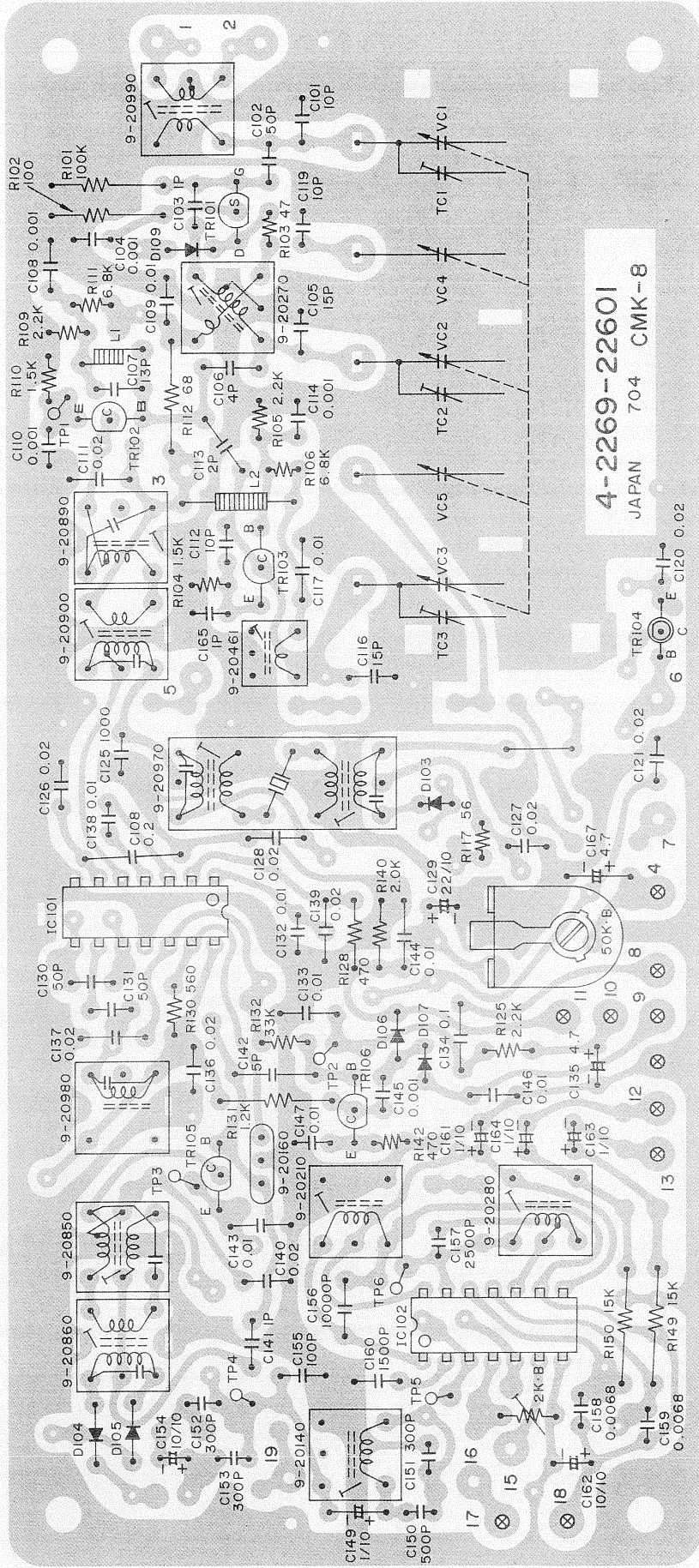
TERMINAL NO		TERMINAL NO	
1, 2	FM ANT	12	FM OUT (R)
3	FM + B	13	FM OUT (L)
4	AM + B	14	
5, 19	AFC	15, 16	STEREO IND.
6, 7	AM ANT	17	INDICATOR + B
8	AM OUT	18	+ B (9V)

TRANSISTOR BOTTOM VIEW



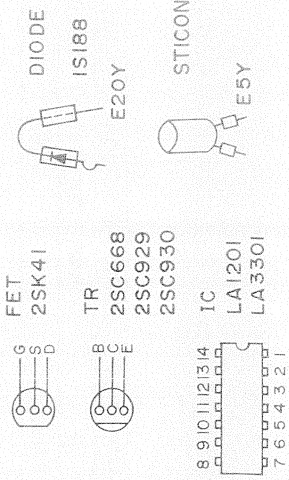
RF, IF, MPX P.C.B. TOP VIEW

CLASSIFICATION	TR101	TR102	TR103	TR104	D103~D107	IC101	IC102	D109	TR105	TR106
TR	2SK41	2SC668R	2SC668R	2SC929	IS188	LA1201	LA3301	DS-442	2SC930	2SC930
RANK	F	D,E	D	E,D	FMI				D,E	D,E



TERMINAL NO	TERMINAL NO	TERMINAL NO
1, 2	FM ANT	FM OUT (R)
3	FM +B	FM OUT (L)
4	AM +B	
5, 19	AFC	STEREO IND.
6, 7	AM ANT	INDICATOR +B
8	AM OUT	+B (9V)

TRANSISTOR BOTTOM VIEW

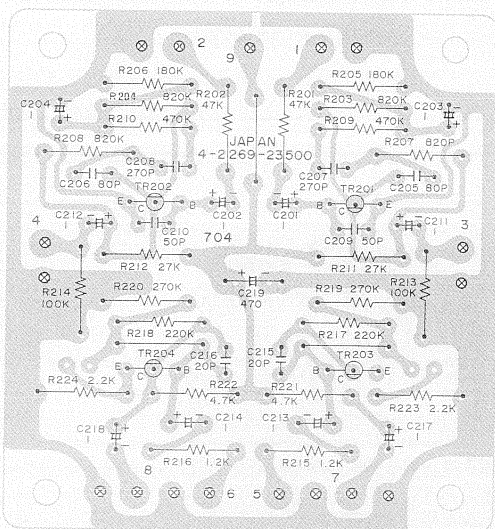


PARTS LIST _____

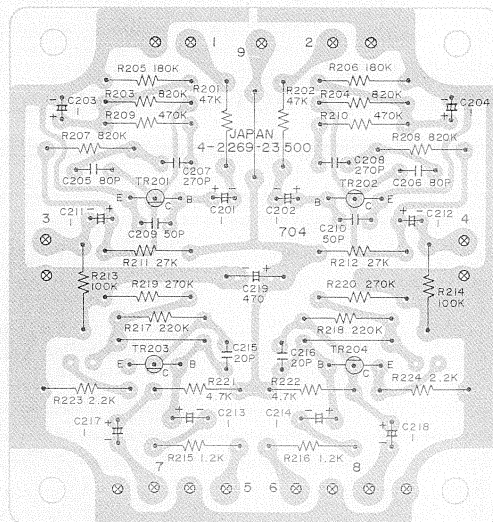
Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Q'ty
PRE-AMP P.C.B. ASSEMBLY PARTS				PRE-AMP P.C.B. ASSEMBLY PARTS			
104	131 0 4001 27002	PRE-AMP P.C.B. assy	1	R223,R224		Carbon 2.2 K Ω \pm 10% 1/4 W	2
	111 2 6220 11100	Wire wrap terminal (CAPACITORS)	17	R221,R222		Carbon 4.7 K Ω \pm 10% 1/4 W	2
C215,C216		Caramic 20 PF \pm 10% 50V	2	R211,R212		Carbon 27 K Ω \pm 10% 1/4 W	2
C209,C210		Caramic 50 pF \pm 10% 50V	2	R201,R202		Carbon 47 K Ω \pm 10% 1/4 W	2
C205,C206		Caramic 80 PF \pm 10% 50V	2	R213,R214		Carbon 100 K Ω \pm 10% 1/4 W	2
C207,C208		Caramic 270 PF \pm 10% 50V	2	R205,R206		Carbon 180 K Ω \pm 10% 1/4 W	2
C203,C204		Electrolytic 1 MF 25V	2	R217,R218		Carbon 220 K Ω \pm 10% 1/4 W	2
C219		Electrolytic 470 MF 35V	1	R219,R220		Carbon 270 K Ω \pm 10% 1/4 W	2
C201,C202, C211,C212, C213,C214, C217,C218		Alsicon 1 MF \pm 20% 25V	8	R209,R210		Carbon 470 K Ω \pm 10% 1/4 W	2
		(RESESTORS)		R203,R204, R207,R208		Carbon 820 K Ω \pm 10% 1/4 W	4
R215,R216		Carbon 1.2 K Ω \pm 10% 1/4 W	2			(SEMICONDUCTORS)	
				TR203,TR204	203 5 5100 69362	Transistor 2SC 693	2
				TR201,TR202	203 5 5100 69379	Transistor 2SC 693	2

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
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3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

PRE AMP. P.C.B. BOTTOM VIEW _____ PRE AMP. P.C.B. TOP VIEW _____

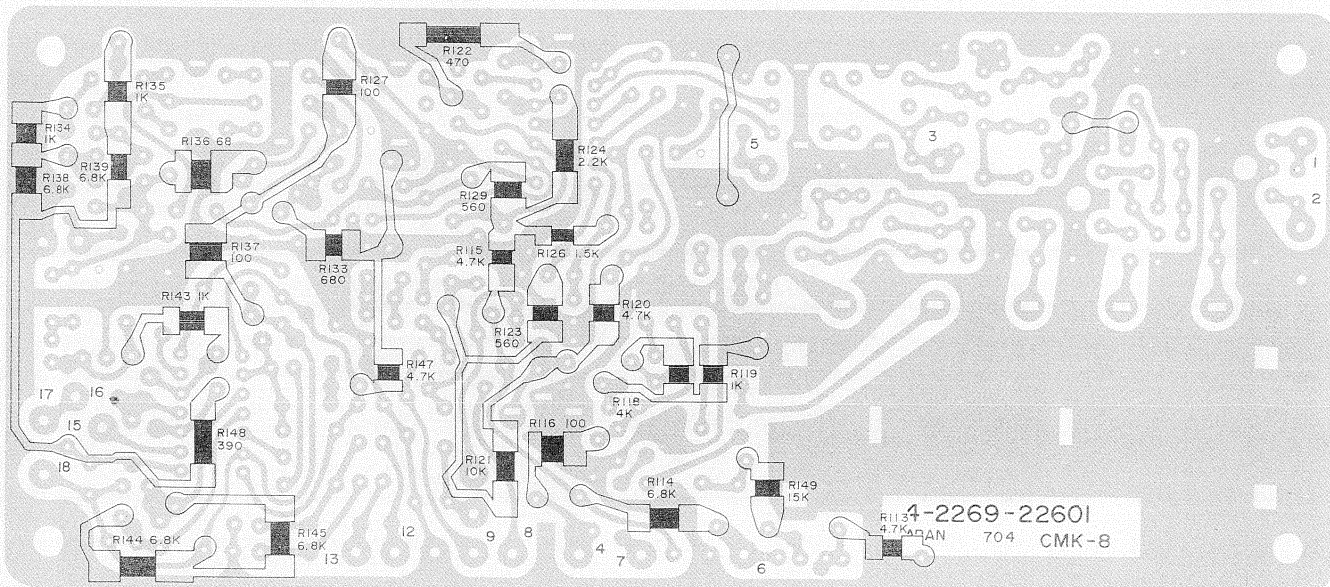


TR201, TR202 2SC693GL · TR203, TR204 2SC693FL



TR201, TR202 2SC693GL · TR203, TR204 2SC693FU

RF, IF, MPX PRINTED RESISTORS BOARD

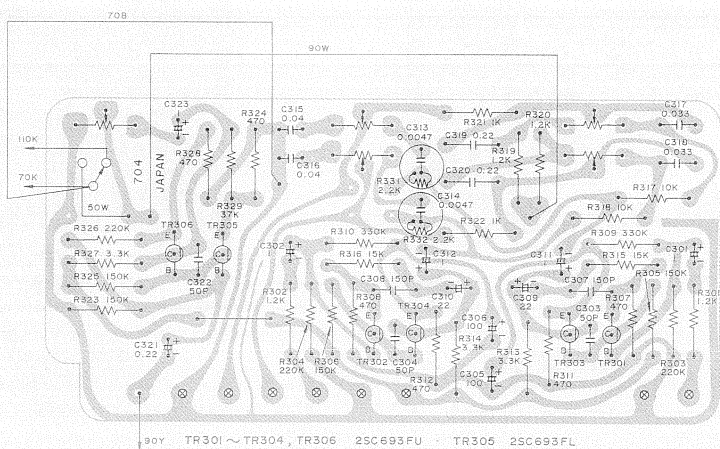


PARTS LIST

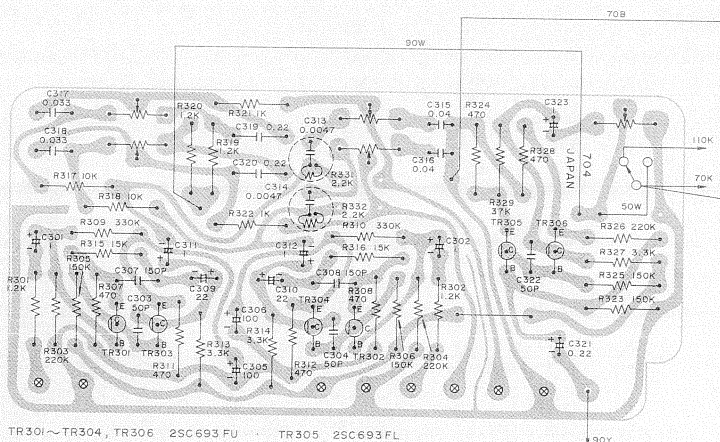
Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Q'ty
TONE, MIC P.C.B. ASSEMBLY PARTS				TONE, MIC P.C.B. ASSEMBLY PARTS			
103	131 0 4001 43200	Tone-Mic P.C.B. assy	1	R321,R322		Carbon 1 K Ω \pm 10% 1/4W	2
	4 2229 22220	VR A-50K	2	R301,R302, R319,R320		Carbon 1.2 K Ω \pm 10% 1/4W	4
	4 2229 22720	VR B-5K	1	R331,R332		Carbon 2.2 K Ω \pm 10% 1/4W	2
	111 2 6220 11100	Wire wrap terminal (CAPACITORS)	8	R313,R314, R327		Carbon 3.3 K Ω \pm 10% 1/4W	3
C303,C304, C322		Ceramic 50PF \pm 10% 50V	3	R317,R318		Carbon 10 K Ω \pm 10% 1/4W	2
C307,C308		Ceramic 150PF \pm 10% 50V	2	R315,R316		Carbon 15 K Ω \pm 10% 1/4W	2
C313,C314		Mylar 0.0047 \pm 20% 50V	2	R329		Carbon 39 K Ω \pm 10% 1/4W	1
C317,C318		Mylar 0.033 MF \pm 20% 50V	2	R305,R306, R323,R325		Carbon 150 K Ω \pm 10% 1/4W	4
C315,C316		Mylar 0.04 MF \pm 20% 50V	2	R303,R304, R326		Carbon 220 K Ω \pm 10% 1/4W	3
C319,C320		Mylar 0.22 MF \pm 20% 50V	2	R309,R310		Carbon 330 K Ω \pm 10% 1/4W (SEMICONDUCTORS)	2
C321		Electrolytic 0.22 MF 10WV	1	TR301,TR302, 203 5 5100 69362		Transistor 2SC 693	5
C301,C302, C311,C312, C323		Electrolytic 1 MF 25WV	5	TR303,TR304, TR306			
C309,C310		Electrolytic 22 MF 16V	2	TR305	203 5 5100 69369	Transistor 2SC 693	1
C305,C306		Electrolytic 100 MF 10V	2				
R307,R308, R311,R312, R324,R328		Carbon 470 Ω \pm 10% 1/4W	6				

- NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Unless otherwise noted, component parts indicated by parentheses in the column Q'ty are not available.
3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

TONE, MIC P.C.B. BOTTOM VIEW



TONE, MIC P.C.B. TOP VIEW

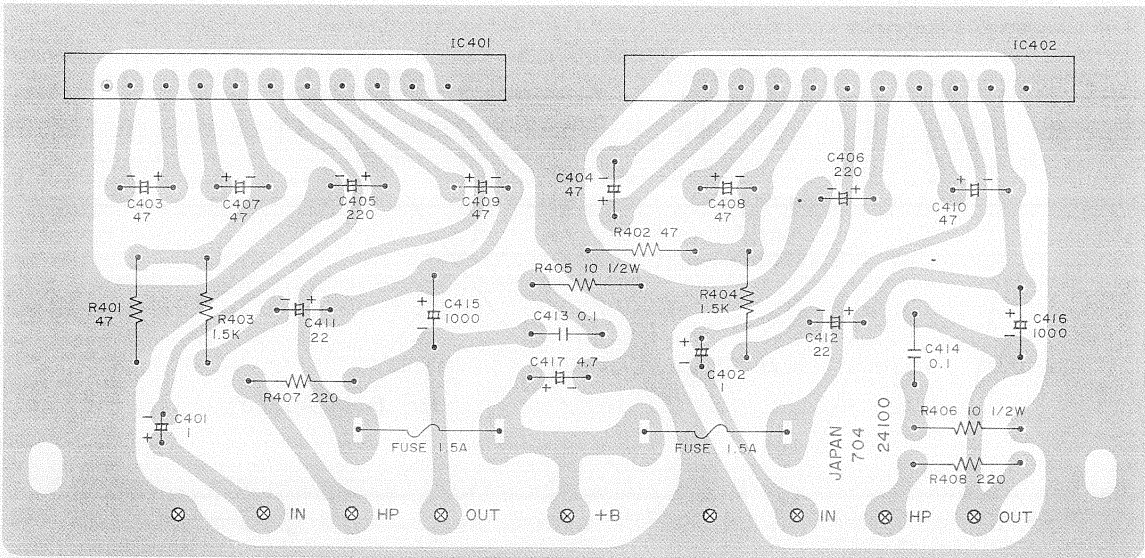


PARTS LIST

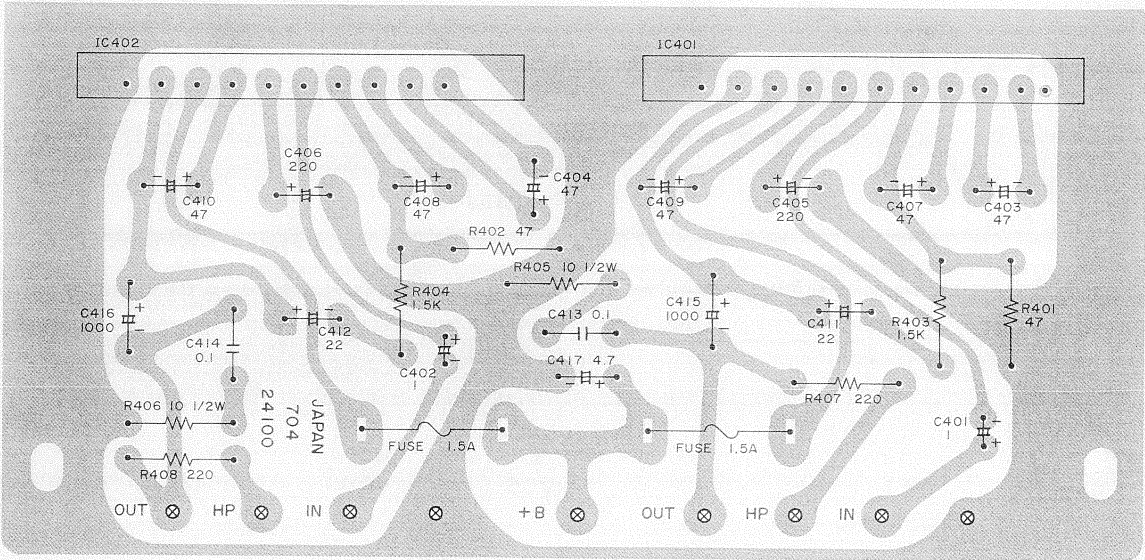
Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Q'ty
MAIN AMP. P.C.B. ASSEMBLY PARTS				MAIN AMP. P.C.B. ASSEMBLY PARTS			
102	131 0 4001 34403	Main AMP P.C.B. assy	1	C405,C406		Electrolytic 220MF 35V	2
	4 2349 20010	Fuse 1.5A	2	C415,C416		Electrolytic 1000MF 35V	2
	4 2359 20930	Fuse holder	4	C401,C402		Alsilcon 1MF $\pm 20\%$ 25V	2
	102 3 1203 01602	Screw, pan Hd. tap, 3.0 \times 16	4			(RESISTORS)	
	111 2 6220 11100	Wire wrap terminal	9	R405,R406		Solid 10 Ω $\pm 10\%$ 1/2W	2
	131 2 6201 19802	Plate, heat shrink	2	R401,R402		Carbon 47 Ω $\pm 10\%$ 1/4W	2
	131 2 7103 13402	Label, 1.5A	2	R407,R408		Carbon 220 Ω $\pm 10\%$ 1/4W	2
		(CAPACITORS)		R403,R404		Carbon 1.5K Ω $\pm 10\%$ 1/4W	2
C413,C414		Mylar 0.1MF $\pm 20\%$ 50V	2			(SEMICONDUCTOR)	
C417,		Electrolytic 4.7MF 50V	1	IC401,IC402	206 5 6160 01610	IC STK 016	2
C411,C412		Electrolytic 22MF 25V	2				
C403,C404,		Electrolytic 47MF 25V	6				
C407,C408,							
C409,C410							

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
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3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

MAIN AMP. P.C.B. BOTTOM VIEW



MAIN AMP. P.C.B. TOP VIEW

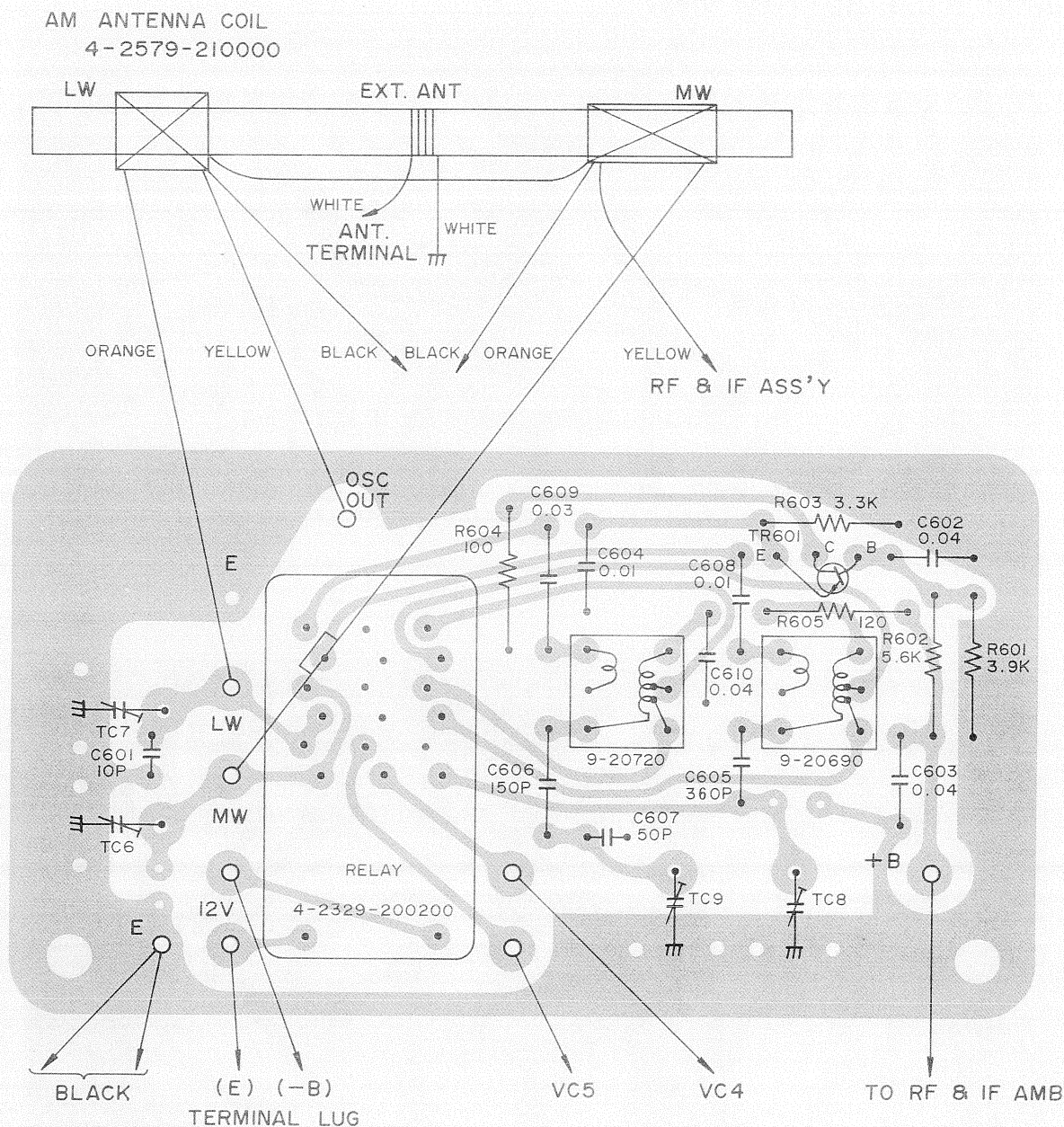


PARTS LIST

Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Q'ty
AM CONVERTER P.C.B. ASSEMBLY PARTS				AM CONVERTER P.C.B. ASSEMBLY PARTS			
110	131 0 4001 21800	AM converter P.C.B. assy	1	C605		Styrol 360PF $\pm 5\%$ 50V	1
TC8	4 2249 20310	Variable capacitor	1	C602, C603, C610		Ceramic 0.04MF $\pm 20\%$ 50V	3
TC6, TC7, TC9	4 2249 20440	Trimmer capacitor	3			(RESISTORS)	
	4 2329 20020	Relay	1	R604		Carbon $100\Omega \pm 10\%$ 1/4W	1
	4 2589 20690	OSC coil MW	1	R605		Carbon $120\Omega \pm 10\%$ 1/4W	1
	4 2589 20720	OSC coil MW	1	R603		Carbon $3.3K\Omega \pm 10\%$ 1/4W	1
		(CAPACITORS)		R601		Carbon $3.9K\Omega \pm 10\%$ 1/4W	1
C601		Ceramic 10 PF ± 0.25 PF 50V	1	R602		Carbon $5.6K\Omega \pm 10\%$ 1/4W	1
C607		Ceramic 56PF ± 0.5 PF 50V	1			(SEMICONDUCTORS)	
C604, C608		Mylar 0.01MF $\pm 20\%$ 50V	2	TR601	203 5 5100 53640	Transistor 2SC 536	1
C609		Mylar 0.03MF $\pm 20\%$ 50V	1				
C606		Styrol 150PF $\pm 5\%$ 50V	1				

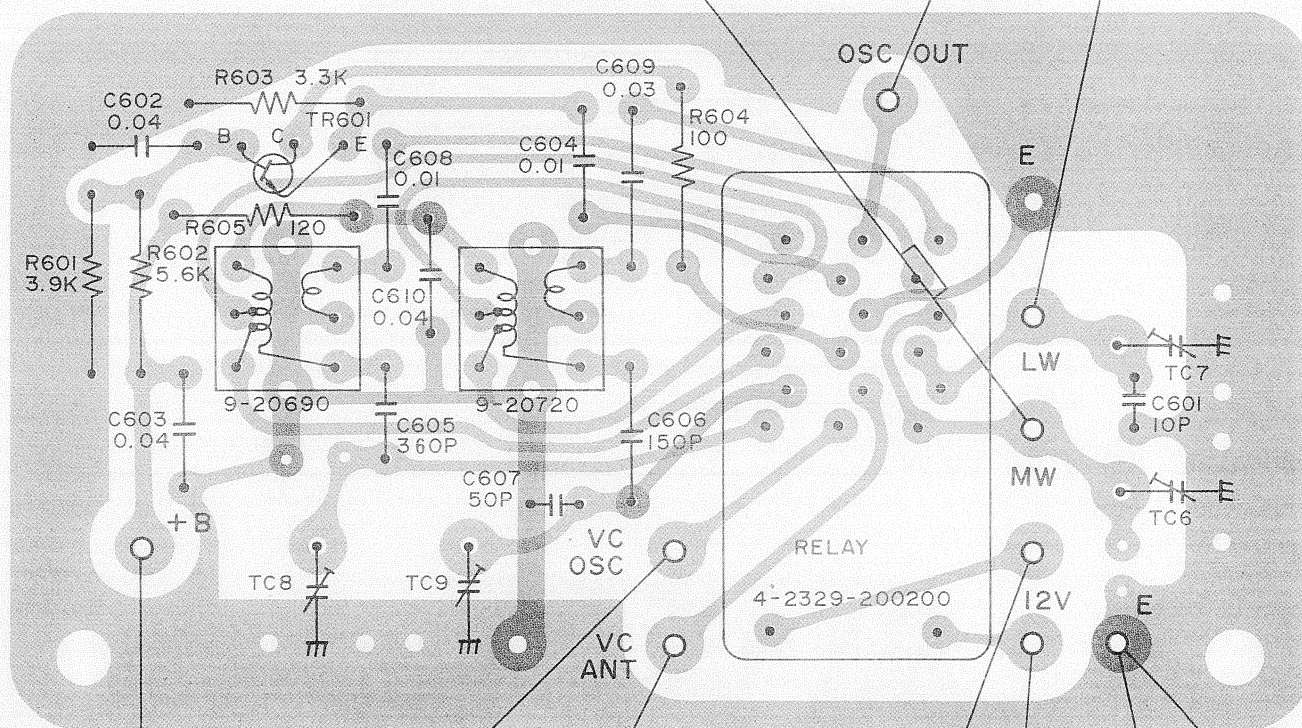
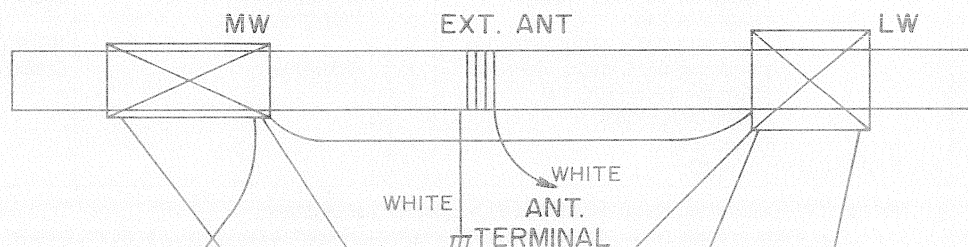
- NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Unless otherwise noted, component parts indicated by parentheses in the column Q'ty are not available.
3. Ordering quantity of screws and/or resistors must be multiple of 10 pos.

AM CONVERTER P.C.B. BOTTOM VIEW



AM CONVERTER P.C.B. TOP VIEW

AM ANTENNA COIL
4-2579-210000



TO RF & IF AMB

VC4

VC5

(-B) (E)
TERMINAL LUG

BLACK

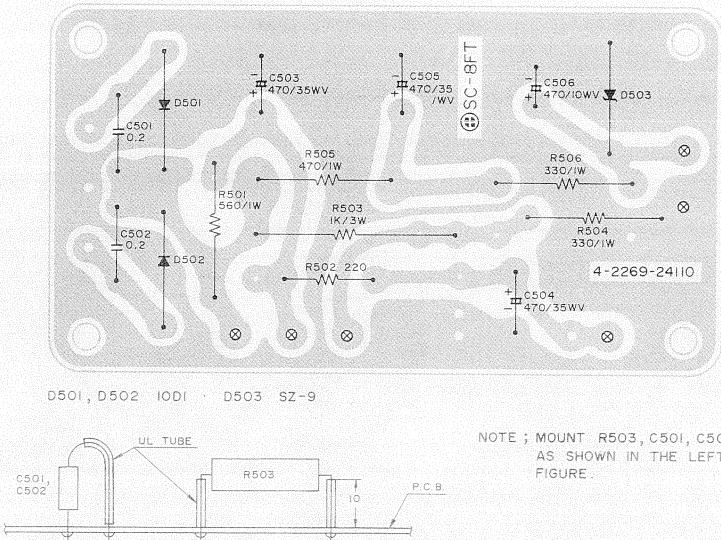
TR601 2SC536

PARTS LIST

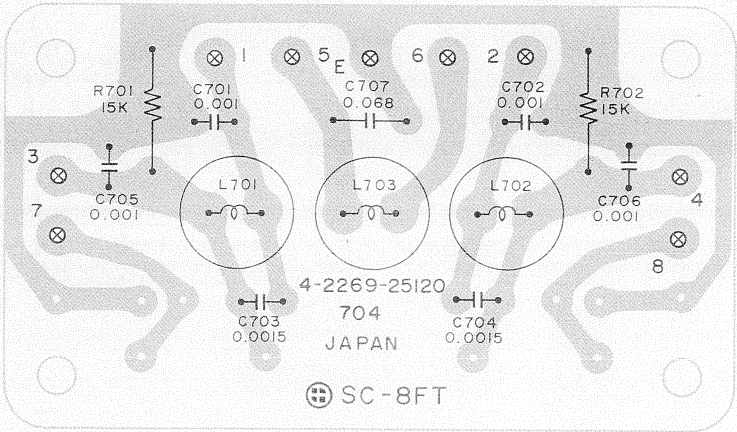
Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Key
POWER SUPPLY P.C.B. ASSEMBLY PARTS				FILTER P.C.B. ASSEMBLY PARTS			
105	131 0 4001 34602	Power supply P.C.B. assy	1	107	131 0 4001 43100	Filter P.C.B. assy	1
	111 2 6220 11100	Wire wrap terminal	6	L701,L702, L703	4 2659 20190	Multiplex coil	3
C501,C502		(CAPACITORS)			111 2 6220 11100	Wire wrap terminal	9
C506		Metamyzer 0.2 μ F \pm 20% 150W	2	C703,C704		(CAPACITORS)	
C503,C504, C505		Electrolytic 470MF 10V	1	C707		Mylar 0.0015 MF \pm 10% 50V	2
R502		Electrolytic 470MF 35V	3	C701,C702, C705,C706		Mylar 0.068 MF \pm 20% 50V	1
R504,R506		(RESISTORS)				Ceramic 0.001 MF \pm 20% 50V	4
R505		Carbon 1.2K Ω \pm 10% 1/4W	1	R701,R702		(RESISTORS)	
R501		Metal filum 330 Ω \pm 10% 1W	2			Carbon 15K Ω \pm 10% 1/4W	2
R503		Metal filum D.M.F. 470 Ω \pm 10% 1W	1				
D501,D502		Metal filum D.M.F. 560 Ω 560 Ω 1W	1				
D503		Metal film 1K Ω \pm 10% 1W	1				
		(SEMICONDUCTORS)					
		Diode 10D1	2				
	202 5 3000 00910	Diode SZ-9	1				

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
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3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

POWER SUPPLY P.C.B. BOTTOM VIEW



FILTER P.C.B. BOTTOM VIEW

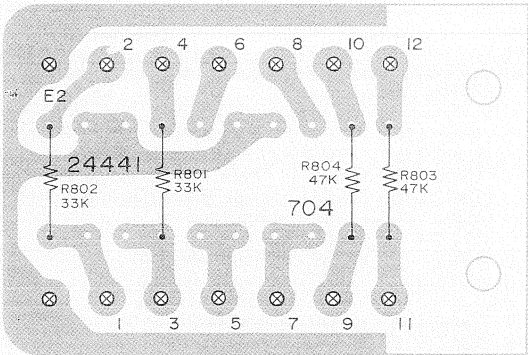


PARTS LIST

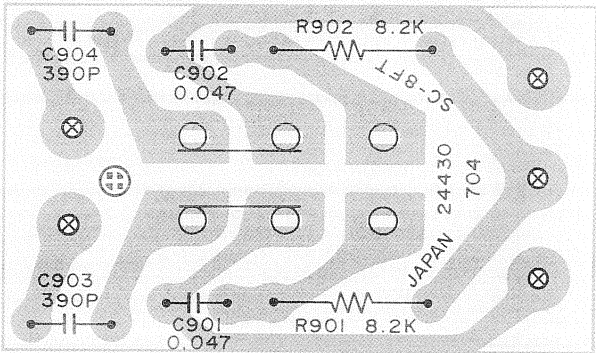
DIN P.C.B. BOTTOM VIEW

Key No.	Part No.	Description	Q'ty
DIN P.C.B. ASSEMBLY PARTS			
109	131 0 4001 42601	DIN P.C.B. assy	1
	111 2 6220 11100	Wire wrap terminal	14
R801,R802		(RESISTORS)	
		Carbon 33K Ω \pm 10% 1/4W	2
R803,R804		Carbon 47K Ω \pm 10% 1/4W	2
LOUDNESS P.C.B. ASSEMBLY PARTS			
108	131 0 4001 34503	Loudness P.C.B. assy	1
	4 2319 22334	Switch, lever 6P	1
	111 2 6220 11100	Wire wrap terminal	5
		(CAPACITORS)	
C901,C902		Mylar 0.047 μ F \pm 20% 50V	2
C903,C904		Ceramic 390PF \pm 10% 50V	2
		(RESISTORS)	
R901,R902		Carbon 8.2K Ω \pm 10% 1/4W	2
PILOT P.C.B. ASSEMBLY PARTS			
106	131 0 4001 27802	Pilot P.C.B. assy	1
	4 2359 21290	Socket, pilot	4
	4 2379 20950	Terminal	4
		(RESISTORS)	
R1001		Carbon 10 Ω \pm 10% 1/4W	1

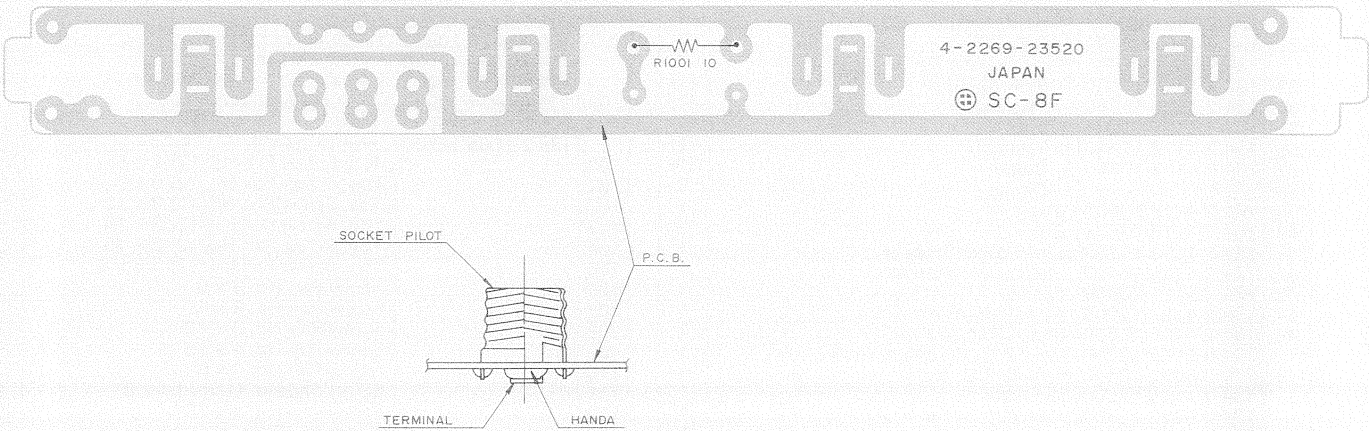
- NOTES:
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 - Ordering quantity of screws and/or resistors must be multiple of 10 pcs.



LOUDNESS P.C.B. BOTTOM VIEW



PILOT P.C.B. BOTTOM VIEW



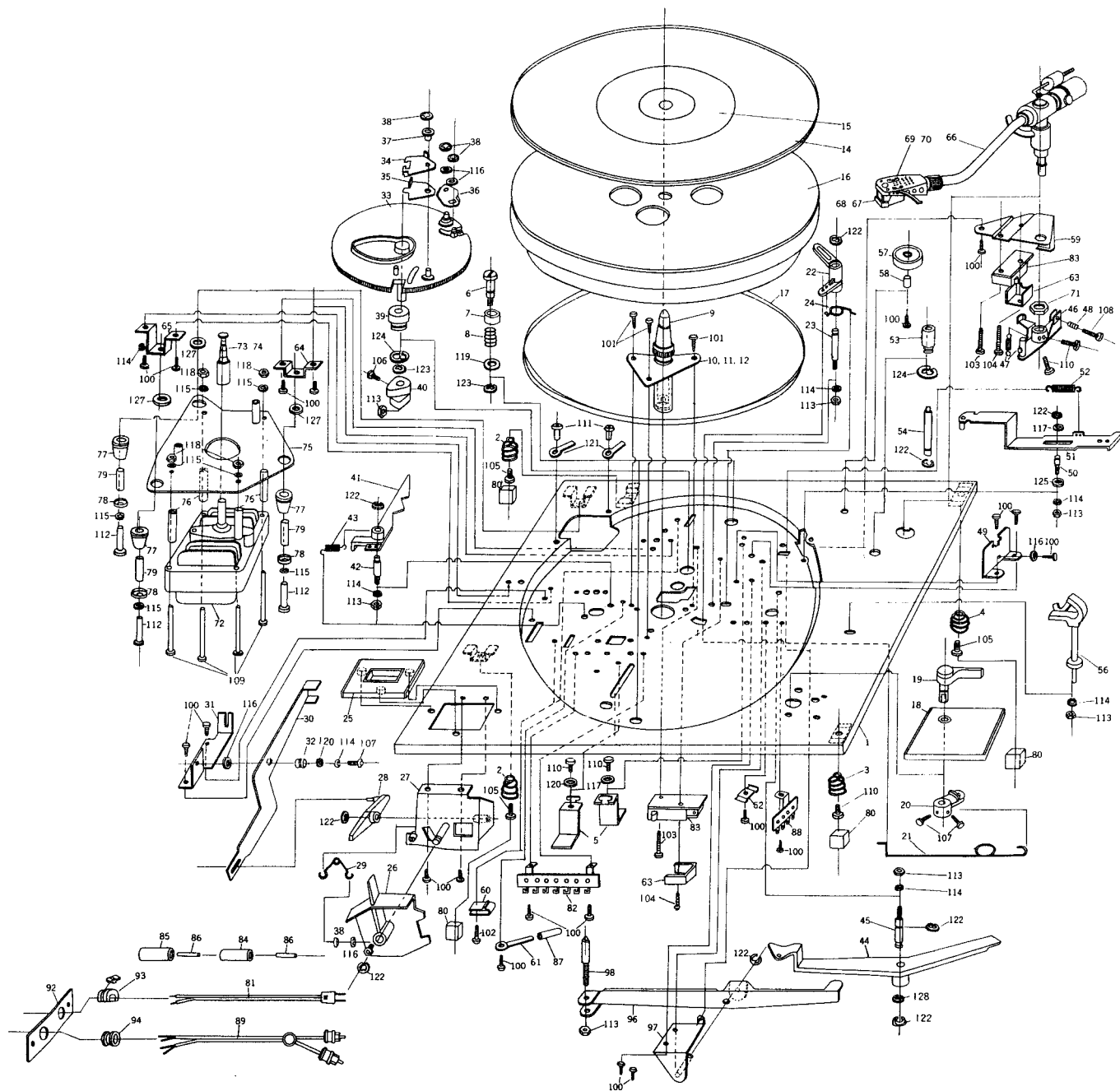
PARTS LIST

Key No.	Part No.	Description	Q'ty	Key No.	Part No.	Description	Q'ty
TURNTABLE				TURNTABLE			
1	134 0 6001 12101	Unit Plate Ass'y, Motor Board	1	51	134 0 6035 10800	Arm Return Ass'y	1
	134 2 2101 11700	Unit plate, Motor Board	(1)		134 2 4123 13000	Arm	(1)
	134 2 2403 12000	Angle Mount, Spring Mount	(2)		134 2 4109 16300	Pin	(1)
	134 2 2403 12100	Angle Mount, Spring Mount	(2)	52	134 2 5101 20800	Spring	1
	134 2 2403 12200	Angle Mount	(1)	53	134 2 4118 13800	Boss	1
	134 2 4121 10500	Guide	(1)	54	134 0 6027 10801	Shaft Elevate Ass'y	1
2	134 2 5102 12300	Spring Mounting	2		134 2 4116 11001	Spindle Lifting	(1)
3	134 2 5102 12400	Spring Mounting	1		134 2 1515 10300	Cap Lifter	(1)
4	134 2 5102 12500	Spring Mounting	1	56	134 0 6031 11100	Arm Rest Ass'y	1
5	134 2 2403 12300	Angle Mount	2		134 2 3301 11900	Arm Rest	(1)
6	134 2 2104 10800	Screw Transit	2		134 2 3308 10400	Holder Pickup	(1)
7	134 2 4213 10300	Washer Bowl	2	57	134 2 2901 10501	Adapter EP	1
8	134 2 5101 20000	Spring	2	58	134 2 2902 00302	Pin Adapter EP	1
	134 0 9002 10300	Spindle Turntable Complete Ass'y	1	59	134 2 4108 13800	Plate	1
9	134 0 5002 10200	Spindle Turntable Ass'y	1	60	131 2 3608 11000	Cramp Wire	1
	134 2 6107 10700	Spindle Turntable	(1)	61	131 2 3608 10200	Cramp Wire	1
	134 2 4111 10400	Gear Turntable	(1)	62	131 2 3608 10300	Cramp Wire	1
10	134 0 5010 10500	Bracket Spindle T.T. Ass'y	1	63	131 2 1401 10300	Cover	2
11		Washer Polyethylene	1	64	134 2 2403 11800	Angle Mount (A)	1
12		Washer Felt	1	65	134 2 2403 11900	Angle Mount (B)	1
14	134 2 6102 12701	Mat Turntable	1		4 1579 20616	Pickup Complete Ass'y	1
15	134 2 6103 10000	Plate Decorate T.T.	1	66	134 0 4001 02506	Tone Arm Ass'y	1
16	134 2 6101 11000	Turntable	1	67	4 1579 26382	Cartridge	1
17	134 2 6302 10400	Belt	1	68	4 1579 29081	Pickup Stylus	1
18	134 0 1005 10305	Cover Rejector Ass'y	1	69		Screw 2.6 x 16	2
	134 2 1210 10605	Plate Ind. Rejector	(1)	70		Nut M2.6	2
	134 2 1403 10400	Cover Rejector	(1)	71		Nut Hex. M12	1
19	134 0 1004 12100	Knob Rejector Ass'y	1	72	4 5289 20301	Synchronous Motor	1
	134 2 1601 12500	Knob	(1)	73	134 2 6401 11600	Pulley	1
	134 2 1608 00100	Decorate Knob	(1)	75	134 0 6037 10300	Base Ass'y	1
20	134 2 4120 14500	Lever, Starter	1		134 2 4108 13900	Plate	(1)
21	134 2 5101 20100	Spring, Starter	1		134 2 4202 11200	Nut	(2)
22	134 2 4120 14600	Lever, Kick	1	76	134 2 4208 11400	Spacer	4
23	134 2 4106 15000	Shaft, Kick	1	77	134 2 5202 00200	Rubber Cushion	3
24	134 2 5101 20200	Spring, Kick	1	78	134 2 4213 10000	Washer Bowl	3
25	134 0 1007 00200	Cover Select Ass'y	1	79	134 2 4208 11300	Spacer	3
	134 2 1208 10800	Plate Ind. Speed	(1)	80	134 2 5205 10000	Cushion	4
	134 2 1405 00100	Cover Select	(1)	81	4 2439 20510	Power Cord	1
	134 0 5008 10200	Selector Speed Complete Ass'y	1	82	4 2379 20720	Lug 5P	1
26	134 2 1601 12600	Knob	1	83	4 2319 21990	Switch Power	2
27	134 0 6009 10800	Lever Set Ass'y	1	84		Oil Capacitor 0.047μF 600WV	1
	134 2 2403 12400	Angle Mount	(1)	85		UL Tube 11φ x 12φ x 45L	1
	134 2 4106 15100	Shaft 16 pin	(1)	86		UL Tube 1φ x 2φ x 35L	2
	134 2 4106 15200	Shaft 8 pin	(1)	87		Vinyl Tube 3φ x 4φ x 50L	1
	134 2 4106 15300	Shaft, Spring	(1)	88	4 2379 20150	Lug 3P	1
28	134 2 4127 10100	Seasaw	1	89	131 0 4004 11700	Wire Shield Ass'y	1
29	134 2 5101 20300	Spring	1	92	131 2 3101 11901	Metal Mount	1
	134 0 5003 10500	Jockey Arm Ass'y	1	93	131 2 6111 11300	Bushing	1
30	134 2 4123 12800	Arm	1	94	131 2 6111 10300	Bushing	1
31	134 2 2403 12500	Angle Mount	1	96	134 2 4123 13100	Arm	1
32	134 2 4107 00200	Collar	1	97	134 0 6026 10500	Angle Elevate Ass'y	1
	134 0 6030 11001	Gear Cycling Ass'y	1		134 2 2403 12600	Angle Mount	(1)
33	134 2 4110 10600	Gear Cycling	(1)		134 2 4106 15800	Shaft	(1)
34	134 2 4122 10800	Trip (A)	(1)	98	134 0 6027 10900	Shaft Elevate Ass'y	1
35	134 2 4122 10900	Trip (B)	(1)		134 2 4106 15900	Shaft	(1)
36	134 2 4122 11000	Trip (C)	(1)		134 2 1505 10100	Index Speed	(1)
37	134 2 4107 12600	Collar	(1)	100		Tpg. Screw Pan Hd. (2) 3 x 5	20
38		Circlip	3	101		Tpg. Screw Pan Hd. (2) 3 x 8	3
39	134 2 4118 13500	Boss	1	102		Tpg. Screw Pan Hd. (2) 3 x 12	1
40	134 2 4118 13600	Boss	1	103		Tpg. Screw Pan Hd. (2) 3 x 14	2
41	134 2 4120 14700	Lever, Gear Stopper	1	104		Tpg. Screw Pan Hd. (2) 3 x 16	2
42	134 2 4106 15400	Shaft, Gear Stopper	1	105		Tpg. Screw Pan Hd. (2) 3.5 x 8	4
43	134 2 5101 20400	Spring	1	106		Screw Pan Hd. 3 x 5	1
44	134 2 4123 12900	Arm, Return Arm	1	107		Screw Pan Hd. 3 x 8	3
45	134 2 4106 15500	Shaft, Return Arm	1	108		Screw Pan Hd. 3 x 12	1
	134 0 9902 10100	Plate P.U. Complete Ass'y	1	109		Screw Pan Hd. 4 x 35	4
46	134 0 6022 10400	Plate P.U. Ass'y	1	110		Screw Pan Hd. 4 x 8	4
	134 2 4108 13500	Plate	1	111		Screw Pan Hd. (+)/(-) 4 x 8	2
	134 0 6022 10500	Plate P.U. Fix Ass'y	1	112		Screw Pan Hd. 4 x 25	3
	134 2 4108 13600	Plate	(1)	113		Nut Hex. (3) M3	7
	134 2 4109 16200	Pin	(1)	114		Spring Washer M3	7
	134 2 4118 13700	Boss	(1)	115		Spring Washer M4	7
	134 2 5101 20500	Spring	(1)	116		Washer 3 x 8 x 0.5t	4
47	134 2 5101 20600	Spring	(1)	117		Washer 4 x 10 x 0.8t	2
48	134 2 4121 10600	Guide	1	118		Nut Hex. (3) M4	4
49	134 2 4106 15700	Shaft	1	119		Washer 6 x 14 x 1t	2

Notes:

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TURNTABLE EXPLODED VIEW

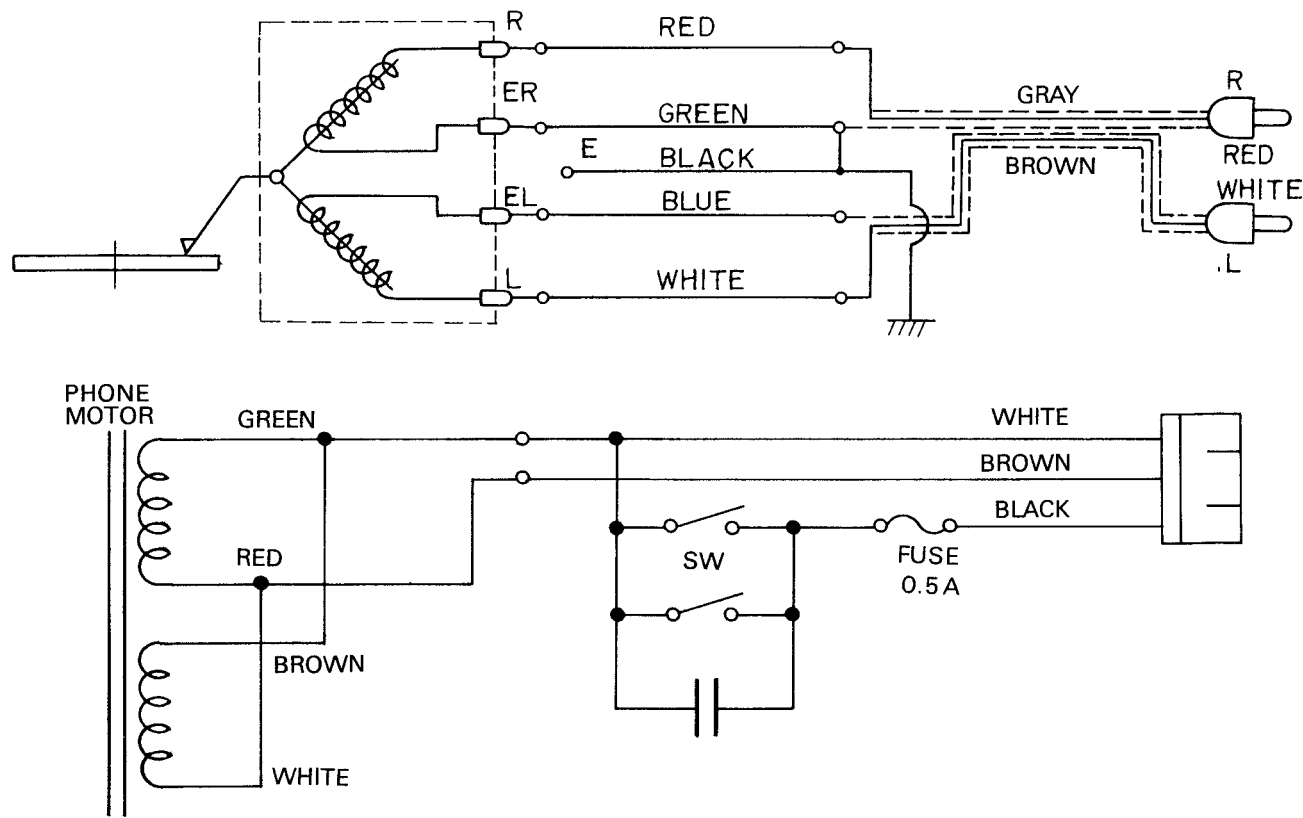


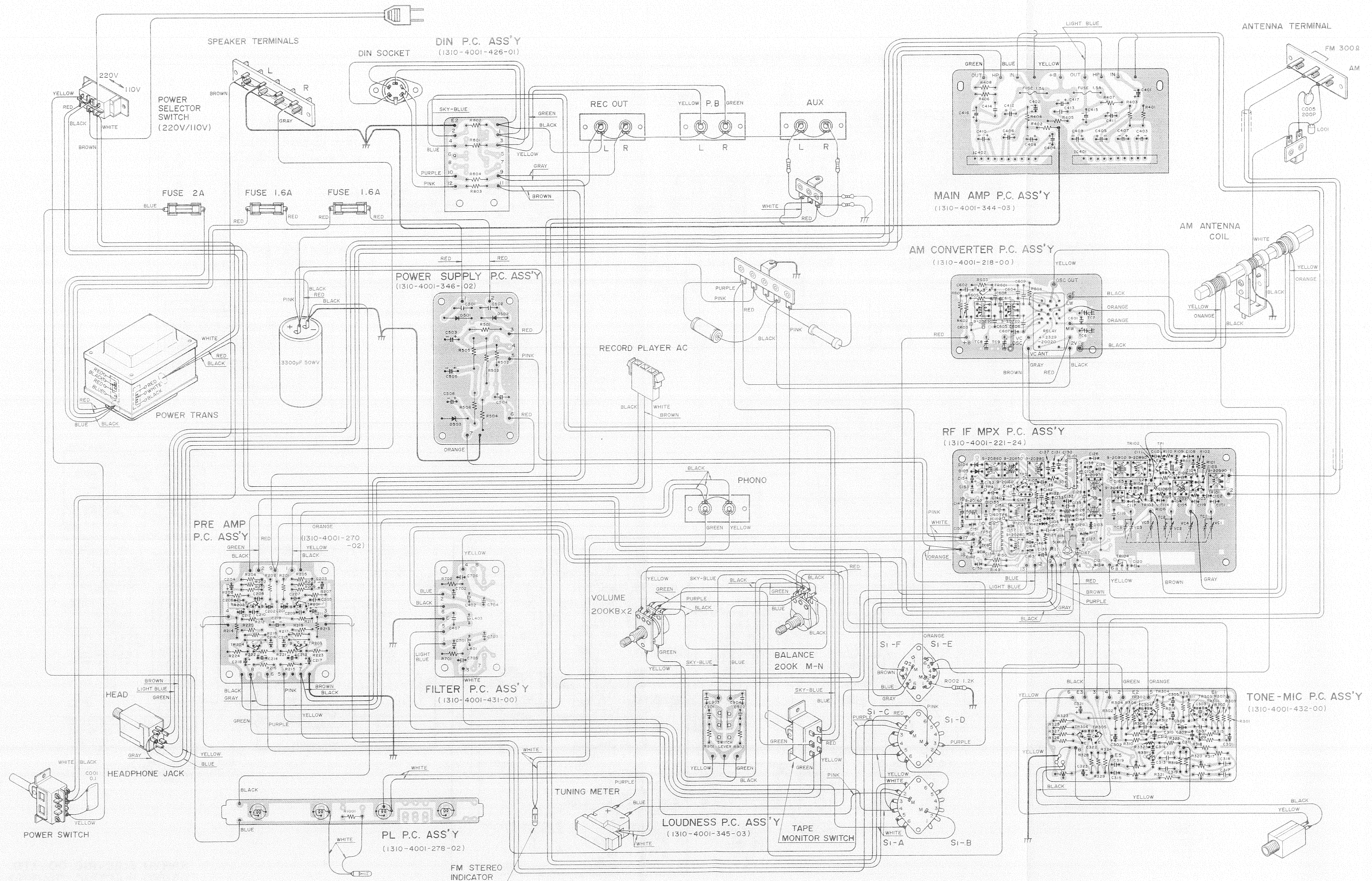
PARTS LIST

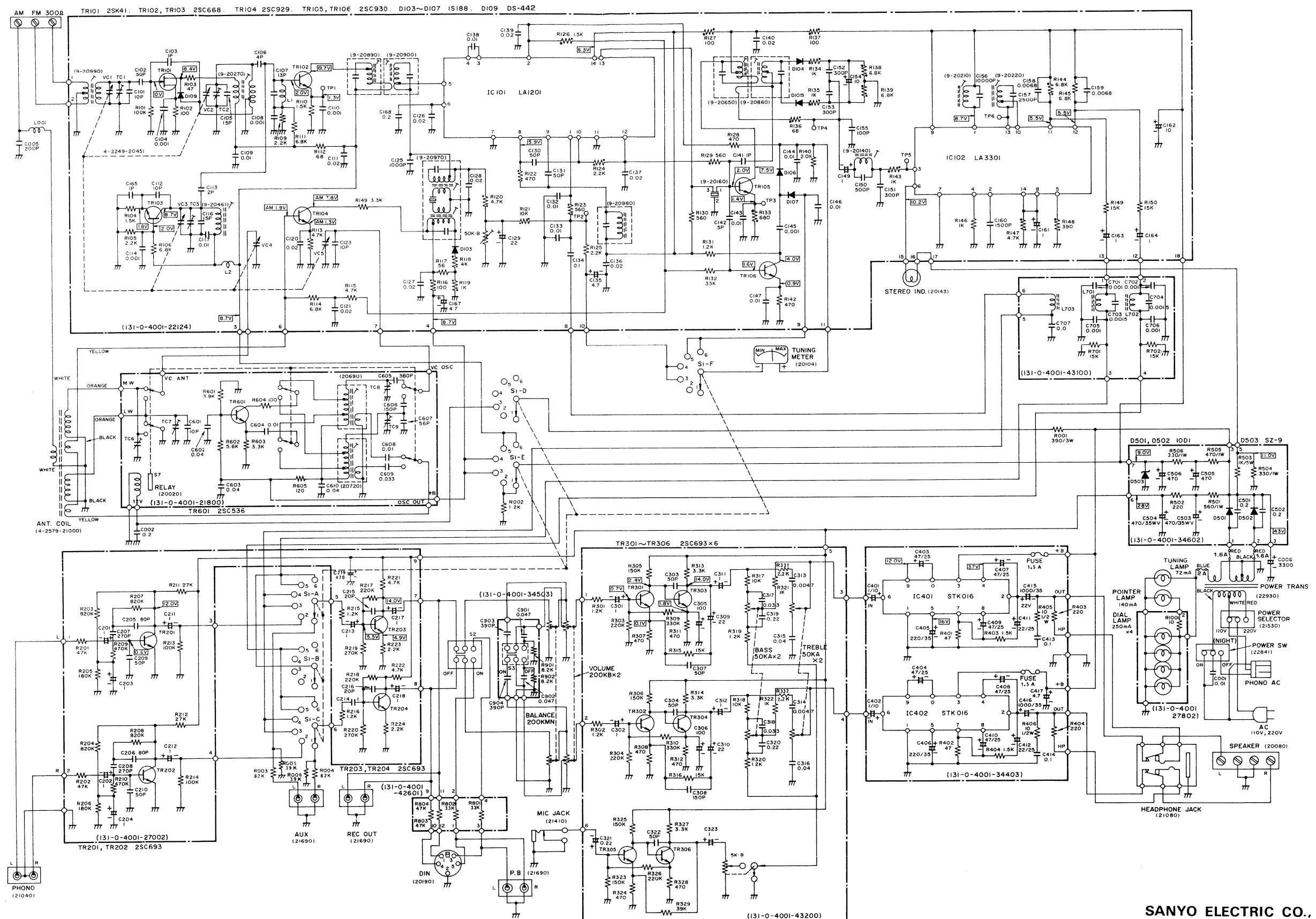
Key No.	Part No.	Description	Q'ty
TURNTABLE			
120		Washer, Polyethylene 4 x 10 x 0.8t	1
121		Washer 4φ	2
122		Circlip 3φ	9
123		Circlip 4φ	3
124		Circlip 8φ	2
125		Washer 3 x 8 x 1t	1
126		Washer 3 x 12 x 1t	1
127		Washer 4 x 18 x 1t	3
128		Washer 5 x 10 x 0.3t	1

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 - 3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

PLAYER CIRCUIT DIAGRAM







SANYO ELECTRIC CO., LTD.
SANYO ELECTRIC TRADING CO., LTD.
OSAKA, JAPAN

WM-708

Printed in Japan